a. 1 <b>4</b> -1	A.			12	-2	p - q	0 147	A
	وي: اوي						ocket No. / / HIN-03800	
	9 U.S	TO THE ASSISTANT COMMISSIONER FOR PATENTS				0		
	For:	ARD CASSCELLS	, Ш	nder 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:				
C		Certificate of Mailin A certified copy of Declaration Power of Attorney Information Disclos Preliminary Ameno Other: Assignmen	sheets of dra a Signed. Sure Statement Iment Verified Stat	Wings.	application.		Under 37 C.F.R. 1.	9 and 1.27.
, 160. 				CLAIMS A	S FILED	·		
1.1 Jun -		For	#Filed	#Allowed	#Extra	F	Rate	Fee
	Tota	l Claims	63	- 20 =	43,0	× \$9	.00	387.00
""""	Inde	p. Claims	16	- 3 =	13.0	× \$40	).00	520.00
la ti	Mult	iple Dependent Cl	nt Claims (check if applicable)					
	•						BASIC FEE	\$355.00
			<u></u>			т	OTAL FILING FEE	\$1,262
<ul> <li>The Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed.</li> <li>Charge the amount of as filing fee.</li> <li>Credit any overpayment.</li> <li>Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.</li> <li>Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allow pursuant to 37 C.F.R. 1.311(b).</li> <li>Dated: 12.17.00</li> </ul>					nt No. <b>50-1085</b> 1.17.	2		
	CC:	Mike McGee					signature	



### PATENT

# IN THE UNITED STATES PATENT AN TRADEMARK OFFICE

Inventors: S. Ward Casscells, III

Serial No.: Not Yet Assigned

Filing Date: December 17, 2000

Examiner: Not Yet Assigned

I hereby certify that this correspondence is being deposited with the U.S. Postal Service via Express Mail No. EE308304805US with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on the date indicated below:

12, 17. 00	
Date	C. Steven McDaniel

## Title: Ablation of Atrial Fibrillation by Thermal Apoptosis

Assistant Commissioner of Patents Washington, D.C. 20231

### TRANSMITTAL LETTER

Dear Sir:

Enclosed are the following:

- 1. Assignment and Recordation Sheet;
- 2. Declaration for Utility or Design Patent Application (37 CFR 1.63);
- 3. Power of Attorney by Assignee;
- Verified Statement (Declaration) Claiming Small Entity Status (37 CFR 1.9(f) and 1.27 (d)) - Nonprofit Organization;
- 5. A Specification consisting of a <u>*lle*</u> page Disclosure, <u>1</u> pages of Claims (Claims  $1 \frac{13}{3}$ ) and a one page Abstract;
- 6 Informal Drawings consisting of  $\underline{9}$  sheets (Figs. 1 through  $\underline{9}$ );

PTO	
014 014	
5	1,18
0914 09/4	
μ Γ	

### Attorney Docket No.: THIN-03800

8. Return postcard to acknowledge receipt of these materials.

Please address all correspondence in connection with this application to:

C. Steven McDaniel, Esq. McDaniel & Associates, P.C. P.O. Box 2244 Austin, Texas 78768-2244 Phone: 512.472.8282 Fax: 512.472.8181

Pursuant to 37 C.F.R. §1.53(b) and (f), the Applicant request the Patent and Trademark Office to accept the application and accord a serial number and filing date as of the date this Application is deposited with the U.S. Postal Service for Express Mail.

Respectfully submitted,

McDaniel & Associates

DATE: 12.17.00

C. Steven McDaniel Registration No. 33,962 ATTORNEY FOR APPLICANT

McDaniel & Associates, P.C. P.O. Box 2244 Austin, Texas 78768-2244 Phone: 512.472.8282 Fax: 512.472.8181

Serial No.       Filing Date       Examiner       Group Art U         Not Assigned       December 17, 2000       Not Assigned       Not Assigned         rention:       ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS       Image: Comparison of the c		ket No. N-03800
Not Assigned         December 17, 2000         Not Assigned         Not Assigned           rention:         ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS	iling Date Examiner Gr	oup Art Unit
ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS  ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS  I hereby certify that the following correspondence:  Verified Statement (Declaration) Claiming Small Entity Status (37 CFR 1.9(f) and 1.27 (d)) - NonProfit Organizz  (Identify type of correspondence)  s being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service un  37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 202  12.17.00 (Date)  C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence)  EE308304805US ("Express Mail" Mailing Label Number)		•
hereby certify that the following correspondence: Verified Statement (Declaration) Claiming Small Entity Status (37 CFR 1.9(f) and 1.27 (d)) - NonProfit Organizz (Identify type of correspondence) s being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service un 87 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 202 12.17.00 (Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) EE308304805US ("Express Mail" Muiling Label Number)	, FIBRILLATION BY THERMAL APOPTOSIS	U.S. PTO
(Identify type of correspondence) s being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service un 87 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 202 12.17.00 (Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	orrespondence:	je914 09/
as being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service un 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 202 <u>12.17.00</u> (Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	aiming Small Entity Status (37 CFR 1.9(f) and 1.27 (d)) - NonProfi	Organizatio
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 202 12.17.00 (Date) C. Steven McDaniel (Typed or Printed Name of Person Malling Correspondence) (Signature of Person Malling Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	(Identify type of correspondence)	
12.17.00 (Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	States Postal Service "Express Mail Post Office to Addressee" s	ervice under
12.17.00 (Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	essed to. The Assistant Commissioner for Patents, Washington	DC 20231
(Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)		<b>D.O. 202</b> 0.
(Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)		
(Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)		
EE308304805US ("Express Mail" Mailing Label Number)		nce)
EE308304805US ("Express Mail" Mailing Label Number)		
("Express Mail" Mailing Label Number)	(Signature of Person Mailing Correspondence)	
	EE308304805US	
Note: Each paper must have its own certificate of mailing.	("Express Mail" Mailing Label Number)	,
Note: Each paper must have its own certificate of mailing.		
Note: Each paper must have its own certificate of mailing.		
Note: Each paper must have its own certificate of mailing.		
	:: Each paper must have its own certificate of mailing.	

٠

¢ł

Serial No. Not Assigned       Filing Date December 17, 2000       Examiner Not Assigned       Group Art Unit Not Assigned         Vention:       ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS       0         I hereby certify that the following correspondence:       0         Declaration for Utility or Design Patent Application (37 CFR 1.63)       0         (Identify ope of correspondence)       0         is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 12.17.00 (Date)         CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 (Date)         C: Steven McDaniel (Typed or Phicid Name of Person Mailing Correspondence)         (Signature of Person Mailing Correspondence)         (Signature of Person Mailing Correspondence)         (Particle Number)         Note: Each paper must have its own certificate of mailing.	Not Assigned       December 17, 2000       Not Assigned       Not Assigned         ention:       ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS       Image: Constraint of the state of	CERTIFICATE OF pplicant(s): S. Ward (	MAILING BY "EXPRESS Casscells	MAIL" (37 CFR 1.10)	Docket No. THIN-03800
vention: ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS  I hereby certify that the following correspondence:  Declaration for Utility or Design Patent Application (37 CFR 1.63)  (Identify type of correspondence)  is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231  12.17.00 (Date)  C. Steven McDaniel (Signature of Person Mailing Correspondence)  EE308304805US ("Express Mail" Mailing Label Number)	ention: ABLATION OF ATRIAL FIBRILLATION BY THERMAL APOPTOSIS  hereby certify that the following correspondence:  Declaration for Utility or Design Patent Application (37 CFR 1.63)  (Identify type of correspondence)  s being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under (Identify type of correspondence)  s being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under (Identify type of correspondence)  c Steven McDaniel (Typed or Privated Name of Person Mailing Correspondence)  EE308304805US ("Express Mail" Mailing Label Number)		-		
Declaration for Utility or Design Patent Application (37 CFR 1.63)  (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231  12.17.00 (Date)  C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence)  (Signature of Person Mailing Correspondence)  EE308304805US ("Express Mail" Mailing Label Number)	Declaration for Utility or Design Patent Application (37 CFR 1.63)  (Identify type of correspondence)  s being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 7 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231  12.17.00 (Date)  C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence)  EE308304805US ("Express Mail" Mailing Label Number)	vention: ABLATION			
(Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 12.17.00 (Date) C. Steven McDaniel (Typed or Printed Name of Person Mailling Correspondence) (Signature of Person Mailling Correspondence) EE308304805US ("Express Mail" Mailling Label Number)	(Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 17 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 12.17.00 (Date) C. Steven McDaniel (Typed or Printed Name of Person Mailling Correspondence) (Signature of Person Mailling Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	I hereby certify that th	e following correspondence:		j⊂914.0
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 	s being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 7 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 	Declaration for Utility	or Design Patent Application (37	CFR 1.63)	
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231          12.17.00       C. Steven McDaniel         (Date)       (Typed or Printed Name of Person Mailling Correspondence)         (Signature of Person Mailling Correspondence)       EE308304805US         ("Express Mail" Mailling Label Number)	7 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231				
12.17.00         (Date)         C. Steven McDaniel         (Typed or Printed Name of Person Mailing Correspondence)         (Signature of Person Mailing Correspondence)         EE308304805US         ("Express Mail" Mailing Label Number)	12.17.00         (Date)         C. Steven McDaniel         (Typed or Printed Name of Person Mailing Correspondence)         (Signature of Person Mailing Correspondence)         EE308304805US         ("Express Mail" Mailing Label Number)	is being deposited with	h the United States Postal Servi	ice "Express Mail Post Offic	ce to Addressee" service under
(Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	(Date) C. Steven McDaniel (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)			stant Commissioner for Pat	ents, Washington, D.C. 20231
(Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	(Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)				
(Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)	(Signature of Person Mailing Correspondence) EE308304805US ("Express Mail" Mailing Label Number)				
EE308304805US ("Express Mail" Mailing Label Number)	EE308304805US ("Express Mail" Mailing Label Number)			(Typed or Printed Name of Pers	son Malling Correspondence)
EE308304805US ("Express Mail" Mailing Label Number)	EE308304805US ("Express Mail" Mailing Label Number)			(Signature of Person Ma	iling Correspondence)
("Express Mail" Mailing Label Number)	("Express Mail" Mailing Label Number)				
Note: Each paper must have its own certificate of mailing.	Note: Each paper must have its own certificate of mailing.				
Note: Each paper must have its own certificate of mailing.	Note: Each paper must have its own certificate of mailing.				
Note: Each paper must have its own certificate of mailing.	Note: Each paper must have its own certificate of mailing.				
			Note: Each paper must ha	ve its own certificate of mailing	ξ.

CERTIFICATE OF	MAILING BY "EXPRESS	MAIL" (37 CFR 1 10)	Docket No. o
oplicant(s): S. Ward C			THIN-03800
Serial No.	Filing Date	Examiner	Group Art
Not Assigned	December 17, 2000	Not Assigned	Not Assigned
vention: ABLATION	OF ATRIAL FIBRILLATION	BY THERMAL APOPTOSIS	ň
I hereby certify that th	e following correspondence:	۰.	
Assignment and Reco	rdation Sheet		
	(Identify typ	e of correspondence)	
is being deposited witl	n the United States Postal Ser	vice "Express Mail Post Office to A	ddressee" service under
37 CFR 1.10 in an en	velope addressed to: The Ass	sistant Commissioner for Patents, N	Washington, D.C. 20231
12.17			
(Date,			
		C. Steven McDa (Typed or Printed Name of Person Mail	
		(Typea or Frinea Name of Person Mail	
	<del></del>	(Signature of Person Mailing Con	respondence)
	/	EE308304805U	
		("Express Mail" Malling Labo	
	Note: Each paper must h	ave its own certificate of mailing.	

ERTIFICATE OF oplicant(s): S. Ward (	MAILING BY "EXPRESS Casscells	MAIL" (37 CFR 1.10)	Docket No. 2 THIN-03800
Serial No. Not Assigned	Filing Date December 17, 2000	Examiner Not Assigned	Group Art Unip
vention: ABLATION	OF ATRIAL FIBRILLATION	BY THERMAL APOPTOSIS	
I hereby certify that th	ne following correspondence:		]
Patent Application			
	(Identify type	e of correspondence)	
is being deposited wit	th the United States Postal Serv	vice "Express Mail Post Office to	Addressee" service under
37 CFR 1.10 in an e	nvelope addressed to: The Assi	istant Commissioner for Patents,	Washington, D.C. 20231
12.1 (Dat			
(Dui	<i>c)</i>	C. Steven McD	aniel
		(Typed or Printed Name of Person Ma	
		æ l	Q
		(Signature of Person Mailing C	"orrespondence)
	· · · · · · · · · · · · · · · · · · ·	EE308304805	
		("Express Mail" Mailing La	ibel Number)
	Noto: Fach paper must h	nave its own certificate of mailing.	
	Note: Each paper must h	lave is own certificate of maning.	